

Title (en)  
COMPOSITE FLAME RETARDANT AND POLYURETHANE MATERIALS COMPRISING THE SAME

Title (de)  
ZUSAMMENGESETZTES FLAMMSCHUTZMITTEL UND POLYURETHANMATERIALIEN DAMIT

Title (fr)  
IGNIFUGE COMPOSITE ET MATÉRIAUX DE POLYURÉTHANE LE COMPRENANT

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Application  
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Abstract (en)  
[origin: WO2018060255A1] The present invention relates to a composite flame retardant comprising: (a) an expandable graphite; (b) a liquid polyfunctional amino resin polyol having a functionality of from 3 to 6 and a hydroxyl value of from 120 to 500 mg KOH /g; (c) a liquid phosphate flame retardant; and (d) a Wetting agent. The present invention also relates to the use of said composite flame retardant in the preparation of polyurethane materials, to polyurethane materials comprising said composite flame retardant and a process for the preparation thereof.

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